

## INTERNATIONAL SEARCH REPORT

International application No. PCT/AU2005/000042
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## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ?: C04B 41/45; C08K 3/34, 5/54, 5/541; C09D 183/04, 183/02, 185/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C04B 41/45; C08K 3/34, 5/54, 5/541; C09D 7/12, 183/04, 183/02, 185/00; C23C 26/00; B28B 11/00 - 11/24, 21/00 - 21/98, 19/00; E04F 21/00; D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practicable, search terms used)

WPAT; JAPIO; USPTO; Espace@net; Keywords - nanoparticl+, microparticl+, hydrophob+, repel+, coat+, microstructur+, silan+, siloxan+, polysiloxan+

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 2003-756616/71, Class A82 F06 G02, WO 2003/066241, (CREAVIS GES TECHNOLOGIE & INNOVATION MBH), 14 August 2003 & WO 2003/066241 See Abstract	1-24
X	Derwent Abstract Accession No. 2003-533524/51, Class A84 E19 F01, DE 10118348, (CREAVIS GES TECHNOLOGIE & INNOVATION MBH), 17 October 2002 & DE 10118348 See Abstract	1-24
X	WO 2002/049980 A (FERRO GMBH [DE]), 27 June 2002, & US 6800354 B2 Whole document	1-24

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
22 February 2005

Date of mailing of the international search report

02 MAR 2005

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2001/014497 A (UNISEARCH LTD et al [AU]), 1 March 2001, & US 6743467 B1 Whole document	1-24
X	US 6287639 B1 (SCHMIDT et al), 11 September 2001 Whole document	1-15, 22-24
X	Derwent Abstract Accession No. 2002-539476/58, Class A82 G02, DE 10051182 A, (NANO X GMBH), 2 May 2002 & DE 10051182 A See Abstract	1-24
X	Patent Abstracts of Japan JP 2003-155411 A (SHINETSU CHEM IND Co Ltd), 30 May 2003 See abstract & JP 2003-155411 (whole document)	1-15, 22-24
X	US 2003/0186066 A (MONKIEWICZ et al), 2 October 2003 Whole document	1-24
X	US 2002/0059974 A (KELLER et al), 23 May 2002 Whole document	1-24
X	US 6649266 B1 (GROSS et al), 18 November 2003 Whole document	1-24
X	Patent Abstracts of Japan JP 2003-128991 A (NIPPON SODA Co Ltd), 8 May 2003 See Abstract & JP 2003-128991	1-15, 22-24

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/000042

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	03066241	AU	2003244479	DE	10205007	EP	1472011
WO	02084013	DE	10118348				
US	6800354	AU	35752/02	CA	2429866	DE	10063739
		EP	1347948	US	2002142150	WO	0249980
US	6743467	AU	65497/00	CA	2383234	EP	1210396
		NZ	517308	WO	0114497		
US	6287639	AU	54825/98	AU	55524/98	AU	55525/98
		BR	9712956	BR	9713084	CA	2271310
		CN	1236339	DE	19647368	EP	0938405
		EP	0946313	EP	0950039	ID	18721
		PL	333455	US	6352610	US	6378599
		WO	9822241	WO	9822536	WO	9822648
DE	10051182						
JP	2003155411						
US	2003186066	DE	10212523	EP	1347024	JP	2003277683
US	2002059974	DE	10057319	DE	10058131	EP	1206976
		EP	1207189				
US	6649266	DE	19917366	EP	1183107	WO	0062942
JP	2003128991						

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX